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EXAMINER

SHANG, ANNAN Q

ART UNIT

PAPER NUMBER

2614

DATE MAILED: 08/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|---------------------------|------------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 09/300,784 | KIRALY, JOZSEF |
| | Examiner Annan Q Shang | Art Unit 2614 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 27 April 1999.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-39 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-39 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

- Certified copies of the priority documents have been received.
- Certified copies of the priority documents have been received in Application No. _____.
- Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5,7.

4) Interview Summary (PTO-413) Paper No(s). _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-39 rejected under 35 U.S.C. 102(e) as being anticipated by Monteiro et al (6,434,622).

As to claim 1, note the Monteiro et al reference Figures 1, 3 and 4, disclose a multicasting method and apparatus. The claim communication comprising... is met as follows: the claimed "plurality of information receiver and re-transmitter devices (IRRTs)..." are met by plurality of Media Servers 30 which are coupled to the Internet, where each Media Server 30 receives and render broadcast information and selectively retransmits the broadcast information to a plurality of Media Servers 30, note col. 3, lines 1-25 and col. 5, line 66-col. 6, line 34, the claimed "plurality of primary broadcast servers..." are met by the plurality of broadcast stations: Satellite, Cable, Broadcast and

Hard disk which feeds broadcast to Network 10, the Internet, each for originating respective primary broadcast information that is chain-cast among a group of Media Servers 30 of the plurality of Media Servers 30, the claimed "plurality of secondary servers..." are met by Primary Servers 20, each for originating respective secondary broadcast information, that is chain-cast among a group of Media Servers 30 of a plurality of Media Servers 30, the claimed "chaincast manager..." is met by Administration Server 60 and Control Servers 50 which are coupled to the internet and for registering the plurality of primary and secondary broadcast servers and for scheduling information transfers of the respective primary broadcast information to Media Servers 30 based on the broadcast requests generated by the Media Servers to the Administration Server 60 and Control Server 50, note Figure 1 and col. 3, lines 13-63.

As to claim 2, Monteiro further discloses a communication system comprising a plurality of secondary broadcast servers, Primary Servers 20, coupled to the Internet and each for originating respective secondary broadcast information, commercial advertisements, that is chaincast among the group of Media Servers 30 of the plurality of Media Servers, note col. 3, lines 1-25.

As to claim 3, Monteiro further discloses a communication system where the chaincast managers, Administration Server 60 and Control Server 50, are also for scheduling information transfers of the secondary broadcast information to Media Servers 30, note col. 3, lines 39-63.

As to claim 4, Monteiro further discloses a communication system where the chaincast managers, Administration Server 60 and Control Server 50, are also for supplying a respective Media Servers 30 with a list of all the registered primary broadcast servers, Satellite, Cable, Broadcast and Hard disk, in response to a request by the respective Media Server for the list, note col. 14, lines 42-67.

As to claim 5, Monteiro further discloses a communication system where the primary broadcast is digitally encoded audio information representing audio programs and where the plurality of broadcast servers, are radio station, note Figure 1, col. 3, lines 1-12 and col. 4, lines 18-27.

As to claim 6, Monteiro further discloses a communication system where the Media Server 30 comprises a computer system for rendering a graphical user interface display of a radio device 40 coupled to the Media Server 30 for allowing a user to request one or more primary servers from which to receive primary broadcast information, note col. 5, lines 14-26 and col. 17, lines 26-67.

As to claim 7, Monteiro further discloses a communication system where the primary broadcast is digitally encoded audio/visual information representing audio/visual programs and where the plurality of broadcast servers, are radio station, note col. 3, lines 1-12 and col. 4, lines 18-27.

As to claim 8, Monteiro further discloses a communication system where the primary broadcast is digitally encoded audio/visual information representing audio/visual programs and where the plurality of broadcast servers, are radio station, note col. 3, lines 13-38.

As to claim 9, Monteiro further discloses a communication system where the secondary broadcast is digitally encoded audio information representing advertising content and where the secondary broadcast servers, Primary Servers 20, are advertisers, note col. 3, lines 13-38.

As to claim 10, Monteiro further discloses a communication system where the secondary broadcast is digitally encoded audio/visual information representing advertising content and where the secondary broadcast servers, Primary Servers 20, are advertisers, note col. 3, lines 1-36 and col. 7, line 66-col. 8, line 24.

As to claim 11, Monteiro further discloses a communication system where the secondary broadcast is digitally encoded information representing news material, note col. 3, lines 1-36 and col. 4, lines 34-65.

As to claim 12, note the Monteiro et al reference Figures 1, 3 and 4, disclose a multicasting method and apparatus. The claim communication comprising... is met as follows: the claimed "plurality of information receiver and re-transmitter devices (IRRTs)..." are met by plurality of Media Servers 30 which are coupled to the Internet, where each Media Server 30 receives and render broadcast information and selectively retransmits the broadcast information to a plurality of Media Servers 30, note col. 3, lines 1-25 and col. 5, line 66-col. 6, line 34, the claimed "plurality of primary broadcast servers..." are met by the plurality of broadcast stations: Satellite, Cable, Broadcast and Hard disk which feeds broadcast to Network 10, the Internet, each for originating respective radio broadcast information that is chain-cast among a group of Media Servers 30 of the plurality of Media Servers 30, the claimed "plurality of secondary

servers..." are met by Primary Servers 20, each for originating respective advertisement broadcast information, ads, that is chain-cast among a group of Media Servers 30 of a plurality of Media Servers 30, the claimed "chaincast manager..." is met by Administration Server 60 and Control Servers 50 which are coupled to the internet and for registering the plurality of primary and secondary broadcast servers and for scheduling information transfers of the radio broadcast information to Media Servers 30 based on the broadcast requests generated by the Media Servers to the Administration Server 60 and Control Server 50, and where the Administration Server 60 and Control Server 50 are also for supplying a respective Media Server with a list of all registered broadcasters in responses to a request by the respective Media Server for the list, note Figure 1 and col. 14, lines 42-67.

Claim 13 is met as previously discussed with respect to claim 3.

Claim 14 is met as previously discussed with respect to claim 5.

Claim 15 is met as previously discussed with respect to claim 6.

As to claim 16, Monteiro further discloses a communication broadcast information method over the Internet, note Figure 1. The method comprising the steps of...is met as follows: the primary broadcast servers, Satellite, Cable, broadcast and hard disk, causes the first stream of data representing primary broadcast information to a first user device 40, Media Server 30 note user device is coupled to the Media Server, and renders the primary broadcast information where the user device, Media Server and the primary broadcast servers are coupled to the Internet, and further causing the Media Server 30 to communicate a second stream of data packets representing the

primary broadcast information to a user device couple to a second Media Server 30 and rendering the primary broadcast information where the Media Server 30 is coupled to the Internet and configured for rendering the primary broadcast information, causing the first Media Server 30 to communicate a third stream of data packets representing the primary broadcast information to a third Media Server 30 and rendering the primary broadcast information, where the third Media Server 30 is coupled to the Internet and configured for rendering the primary broadcast information, note col. 5, line 57-col. 6, line 34, Administration Server 60 and Control Server 50 monitors a packet rate of stream and in response to the packet rate falling below a pre-determined rate, causing the Media Server 30 to communicate a fourth stream of data packets representing the primary broadcast information to the third Media Server 30, note col. 14, line 42-col. 15, line 25.

As to claim 17, Monteiro inherently teaches a method where the Administration Server 60 and Control Server 50 monitoring a number of un-rendered data packets stored in a transmission buffer of the Media Server 30 and in response to the number of un-rendered transmission level, causing the Media Server to signal to the Administration Server 60 and Control Server 50, to select the second Media Server, note, col. 14, line 42-col. 15, line 25.

As to claim 18, Monteiro further discloses a method comprising the steps of adding multi-levels of Media Servers 30, and causing one Media Server to communicate streams of data packets representing the primary broadcast information to the other Media Servers, note col. 5, line 65-col. 6, line 34 and col. 14, line 42-col. 15, line 25.

As to claim 19, Monteiro further discloses a method where the steps of adding comprises the steps of registering the Media Server with the Administration Server 60 and Control Server 50, which are couple to the internet, and Administration Server 60 and Control Server 50, further instructs the Media Server to communicate a stream of data to another Media Server, note col. 5, line 65-col. 6, line 34 and col. 14, line 42-col. 15, line 25.

As to claim 20, Monteiro further discloses a method comprising the steps of adding a secondary server, Primary Server 20, on the Internet, causing Primary Server 20 to communicate stream of data packets representing secondary broadcast information, commercial advertisements, to the first Media Server 30 and rendering the commercial advertisements to the first Media Server 30 and causing the first Media Server 30 to communicate stream of data packets representing the commercial advertisements to other Media Servers 30 and rendering the commercial advertisements on the other Media Servers 30, note col. 3, lines 1-36, col. 7, line 66-col. 8, line 29.

As to claim 21, Monteiro further discloses a method where the steps of adding comprises the steps of registering the Primary Server 20 with the Administration Server 60 and Control Server 50, which are couple to the internet, and Administration Server 60 and Control Server 50, further instructs the Primary Server 20 to communicate a stream of data to Media Server 30 and instructs the Media Server 30 to communicate stream of data packets to other Media Servers 30, note col. 5, line 65-col. 6, line 34 and col. 14, line 42-col. 15, line 25.

As to claim 22, Monteiro further discloses a method comprises the step of the Media Server 30 rendering the primary broadcast information simultaneously with commercial broadcast information, note col. 7, line 66-col. 8, line 29.

As to claim 23, Monteiro further discloses a method where the Media Servers 30, each comprises a hardware Internet radio device, note col. 7, lines 23-50.

Claim 24 is met as previously discussed with respect to claim 5.

Claim 25 is met as previously discussed with respect to claim 1.

As to claim 26, Monteiro further discloses a method of communicating Web content over the Internet, note Figures 1 and 3, The claim method comprising the steps of...is met as follows: causing a Web Server to communicate a first stream of data packets representing content of URL (Universal Resource Locator) to a first user device 40 coupled to First Media Server 30 and causing the first Media Server 30 to render the content when the URL is accessed by the Media Server, note col. 7, lines 52-65, and causing the Media Server to communicate a second stream of data packets representing the content of the URL to other Media Servers and causing the other Media Server to render the content when the Media Server accesses the URL simultaneously with the First Media Server 30, note col. 3, lines 1-25 and col. 7, line 52-col. 8, line 4.

As to claim 27, Monteiro further disclose a method comprising the steps of second Media Server receiving the user inputs indicative of the URL and causing the second Media Server to transmit the URL to the Administration Server 60 and Control Servers 50 which are coupled to the internet and where Administration Server 60 and

Control Servers 50 are for scheduling information transfers of the Web Server to the Media Servers 30, note Figure 1, col. 3, lines 1-29 and col. 7, line 52-col. 8, line 4.

As to claims 28 and 29, Monteiro further disclose a method where the Media Servers 30 comprises a computer system, with a Web browser software having a plug-in module with multicasting capability, note col. 7, line 52-col. 8, line 4.

As to claim 30, note the Monteiro et al reference Figures 1, 3 and 4, disclose a multicasting method and apparatus. The claim communication comprising...is met as follows: the claimed "plurality of information receiver and re-transmitter devices (IRRTs)..." are met by plurality of Media Servers 30 which are coupled to the Internet, where each Media Server 30 receives and render broadcast information and selectively retransmits the broadcast information to a plurality of Media Servers 30, note col. 3, lines 1-25 and col. 5, line 66-col. 6, line 34, the claimed "plurality of primary broadcast servers..." are met by the plurality of broadcast stations: Satellite, Cable, Broadcast and Hard disk which feeds broadcast to Network 10, the Internet, each for originating respective primary broadcast information that is chain-cast among a group of Media Servers 30 of the plurality of Media Servers 30, the claimed "plurality of secondary servers..." are met by Primary Servers 20, each for originating respective secondary broadcast information, ads, that is chain-cast among a group of Media Servers 30 of a plurality of Media Servers 30, the claimed "chaincast manager..." is met by Administration Server 60 and Control Servers 50 which are coupled to the internet and for registering the plurality of primary and secondary broadcast servers and for scheduling information transfers of the respective primary broadcast information to

Media Servers 30 based on the broadcast requests generated by the Media Servers to the Administration Server 60 and Control Server 50, note Figure 1 and col. 3, lines 13-63.

Claim 31 is met as previously discussed with respect to claim 3.

Claim 32 is met as previously discussed with respect to claim 4.

Claim 33 is met as previously discussed with respect to claim 5.

Claim 34 is met as previously discussed with respect to claim 6.

Claim 35 is met as previously discussed with respect to claim 7.

Claim 36 is met as previously discussed with respect to claim 8.

Claim 37 is met as previously discussed with respect to claim 9.

Claim 38 is met as previously discussed with respect to claim 10.

Claim 39 is met as previously discussed with respect to claim 11.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Zigmond et al (6,400,407) disclose communicating logical addresses of resources in a data service channel of a video signal.

Ishida (6,122,259) discloses a video conference equipment and multipoint video conference system using the same.

Lemelson et al (6,084,510) disclose a danger warning and emergency response system and method.

Ice (5,884,031) discloses a method for connecting client system into a broadcast network.

Fujita (5,948,070) discloses a file transfer systems, file transfer methods and storage media for storing file transfer programs.

Lui et al (5,854,892) disclose a video conferencing decoder engine with direct signaling to encoder engine for relaying of decoded data.

Gilbert (5,850,396) discloses a multicast message distribution in a polynomial expansion manner.

Nederlof (5,590,118) discloses a method for rerouting a data stream.

Sherman et al (5,455,5690 disclose a link layered communications network and method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Annan Q Shang whose telephone number is 703-305-2156. The examiner can normally be reached on 700am-500pm.

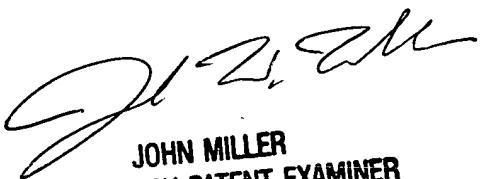
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W Miller can be reached on 703-305-4795. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-5991 for regular communications and 703-746-5991 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the customer service whose telephone number is 703-306-0377.

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Annan Q. Shang
August 22, 2002


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TECHNOLOGY CENTER 2600